FORM PTO-1390 (Rev 10-9-94)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. Griffith

	U.S. AP	PLICATION NO. (If known, see 37 C.F.R. § 1.5):						
NTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
PCT/AU97/00351	June 4, 1997	June 5, 1996						
TITLE OF INVENTION: VIRAL PEPTIDE	The state of the s							
SYNCYTIAL VIRUS	WIII STREET CHALL HOW DECT 1	,						
APPLICANT(S) FOR DO/EO/US: Jeffrey Jol	nn GORMAN							
Applicant herewith submits to the United Stat		ne following items and other						
information:								
	s concerning a filing under 35 U.S.C. § 371.							
	NT submission of items concerning a filing u							
3. This express request to begin nation examination until the expiration of t	al examination procedures (35 U.S.C. § 371() he applicable time limit set in 35 U.S.C. § 37	f)) at any time rather than delay (1(b) and PCT Articles 22 and 39(1).						
	Preliminary Examination was made by the 19							
priority date.								
5. A copy of the International Applica	•							
Marinet Harman	d only if not transmitted by the International	Bureau).						
b. \square has been transmitted by the Inte		ffice (DO/LIC)						
c. \square is not required, as the application	n was filed in the United States Receiving O							
6. A translation of the International Ap	oplication into English (35 U.S.C. § 371(c)(2) ternational Application under PCT Article 19							
Amendments to the claims of the In								
a. \square are transmitted herewith (required)	a. are transmitted herewith (required only if not transmitted by the International Bureau).							
c. \square have not been made; however, to describe have not been made and will not a translation of the amendments to A translation of the annexes to the I		as NOT expired.						
A translation of the amendments to	the claims under PCT Article 19 (35 U.S.C.	8 371(c)(3))						
A translation of the amendments to An oath or declaration of the invent		8 3 / 1(0)(3)).						
10 \(\bar{\bar{\bar{\bar{\bar{\bar{\bar{		t under PCT Article 36						
10. \(\Delta\) A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. \(\frac{9}{3}\) 371(c)(5)).								
1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A in Commention in alreaded.							
Items 11. to 16. below concern document(s	s) or information included:							
	nt under 37 C.F.R. §§ 1.97 and 1.98.							
12. An assignment document for record	ling. A separate cover sheet in compliance w	vith 37 C.F.R. §§ 3.28 and 3.31 is						
included.								
13. A FIRST preliminary amendment.								
☐ A SECOND or SUBSEQUENT pre	liminary amendment.							
14. A substitute specification.								
15. ☐ A change of power of attorney and/								
16. 🗷 Other items or information: return i	receipt postcard, substitue Figure 12.							
CE	RTIFICATE OF MAILING BY "EXPRESS MAIL"							
Express Mail Label	No.: EL 130 238 848 US Date of Deposit: De	ecember 4, 1998						
I hereby certify that this paper or fee is being deposited	I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under							
37 C.F.R. § 1.10 on the thate indicated above and is addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.								
alman	(Allengerous) / INTIV acceptal							
Signature Printed name								

APPLICATION NO. PCT/AU97/00351 17. ■ The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. §§ 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO	DOCKET	"
BASIC NATIONAL FEE (37 C.F.R. §§ 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO	NUMBER: Griffith	
Search Report has been prepared by the EPO or JPO	CALCULAT	TIONS PTO
International preliminary examination fee paid to (USPTO (37 C.F.R. § 1.482)	USE ONLY	
No international preliminary examination fee paid to USPTO (37 C.F.R. § 1.482) but international search fee paid to USPTO (37 C.F.R. § 1.445(a)(2))		
No international preliminary examination fee paid to USPTO (37 C.F.R. § 1.482) but international search fee paid to USPTO (37 C.F.R. § 1.445(a)(2))		
international search fee (37 C.F.R. § 1.445(a)(2)) paid to USPTO		
and all claims satisfied provisions of PCT Article 33(2)-(4)		
Surcharge of \$130.00 for furnishing the oath or declaration later than \$\Boxed{1}\$ 20 \$\Boxed{1}\$ 30 months from the earliest claimed priority date (37 C.F.R. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
the earliest claimed priority date (37 C.F.R. § 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 33 - 20 = 13 x \$18.00 Independent claims 2 - 3 = 0 x \$78.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$260.00 TOTAL OF ABOVE CALCULATIONS = Reduction by ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 C.F.R. §§ 1.9, 1.27, 1.28) SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)). + TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED =	\$970.00	
Total claims 33 - 20 = 13	\$130.00	
Independent claims 2 - 3 = 0 x \$78.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$260.00 TOTAL OF ABOVE CALCULATIONS = Reduction by ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 C.F.R. §§ 1.9, 1.27, 1.28) SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than □ 20 □ 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)). + TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED =		
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. A check in the amount of \$1334.00 to cover the above fees is enclosed.	\$1334.00	
A check in the amount of \$1334.00 to cover the above fees is enclosed	Amount to be refunded:	\$
A check in the amount of \$1334.00 to cover the above fees is enclosed	charged:	\$
Please charge my <u>Deposit Account No. 03-1952</u> in the amount of \$ to cover the above fees. A		

sheet is enclosed.

The Assistant Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to **Deposit Account No. 03-1952**.

NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Gladys H. Monroy Morrison & Foerster LLP 755 Page Mill Road Palo Alto, California 94304-1018

Gladys H. Monroy Registration No. 32,430

Clases A. Monray

09/202035 300 Rec'd PCT/PTO 04 DEC1998

PATENT Docket No. Griffith

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington,

Signature Signature

Printed name

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jeffrey John GORMAN

Serial No.: To Be Assigned

Filing Date: Herewith

For: VIRAL PEPTIDES WITH

STRUCTURAL HOMOLOGY TO PROTEIN G OF RESPIRATORY

SYNCYTIAL VIRUS

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

PRELIMINARY AMENDMENT

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-captioned application, please enter the following amendments and remarks.

Amendment

In the specification

Page 2, line 33, delete "generus" and insert --genus--.

Page 4, line 25, delete "immunogenecity" and insert --immunogenicity--.

Page 7, line 27, delete fluorescien-labeled" and insert --fluoroscein-labelled--.

Page 36, line 17, delete "in".

Page 37, line 7, delete "pepdtide" and insert --peptide--.

Page 37, line 19, delete "Ac149-197" and insert -- Ac149-177--.

In the claims

- 1. (Amended) A compound having structural homology to a contiguous sequence of amino acids within the sequence representing residues 149-1[9]77 of the G protein of respiratory syncytial virus, in which
- a) no oligosaccharide is linked to potential serine, threonine or asparagine attachment sites;
 - b) four cysteine residues are involved in disulphide linkages; and
- c) the pattern of disulphide linkage is Cys 173 linked to Cys 186, and Cys 176 linked to Cys 182,

and in which said compound possesses a biological activity of respiratory syncytial virus G protein.

2. (Reiterated) A compound according to claim 1 in which the virus is selected from the group consisting of human RSV subtype A, human RSV subtype B, bovine RSV, and mutants and variants thereof.

- 3. (Amended) A compound according to Claim 1 [or Claim 2] in which the compound is a peptide corresponding to amino acids 158 to 196 of the RSV G protein.
- 4. (Amended) A compound according to [any one of] Claim[s] 1 [to 3] in which the peptide corresponds to amino acids 165 to 187 of the RSV G protein.
- 5. (Amended) A compound according to [any one of] Claim[s] 1 [to 4] in which the compound is a peptide having one of the following amino acid sequences:

SEQ ID NO I	KQRQNKP	PSKPNNI	FHF	EVFNFVPCS	[CSN]	NPTO	CWAIC	KRII	PNKK	PGKK
SEQ ID NO 2		N								
SEQ ID NO 3										R
SEQ ID NO 4	Н									
SEQ ID NO 5		N								
SEQ ID NO 6		N								
SEQ ID NO 7		N								
SEQ ID NO 8										R
SEQ ID NO 9	S SKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 10	S SKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 11	P PKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 12	P PKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 13	P PKN	K KD	Y		G	QL	KS	T	SSN	K
SEQ ID NO 14	P PKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 15	S SKN	K KD	Y		G	QL	K S	T	SN	K
SEQ ID NO 16	NPSG S I	ENHQDI	IN N	QTLPY	TE G	LA	LSL	HIET	E RA	SR A
SEQ ID NO 17				P	T		R			
SEQ ID NO 18				S			R	T		

6. (Reiterated) A compound having structural homology to a contiguous sequence of amino acids within the sequence representing residues 149-197 of the G protein of RSV, in which at least one of cysteines 173, 176, 182 and 186 is absent or blocked, and in which said compound is not glycosylated, and has the ability to inhibit infectivity of RSV.

7. (Amended) A compound according to [any one of Claims 1 to 6 in which one or more amino acids is replaced by its corresponding D-amino acids] Claim 6, selected from the group consisting of:

acetyl-KQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide acetyl-KQRQNKPPSKPNNDFHFEVFNFVPCGICGAmide

fluoresceinisothiocarbamy18-

 $\underline{alany1KQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide}$

fluoresceinisothiocarbamy1β-alany1FHFEVFNFVPCSICSNNPTCWAIC

KRIPNKKPGKKAmide

benzoylbenzyl-KQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKK

Amide

biotinyl-KQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICRIPNKKPGKKAmide

acetyl-FHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide,

in which the cysteine residues are derivatised with acetamidomethyl.

- 8. (Reiterated) A compound according to any one of Claims 1 to 6 which is a peptidomimetic compound.
- 9. (Amended) A compound according to any one of Claims 1 to [6] 7 in which one or more [individual] amino acids is replaced by [an analogous structure] its corresponding D-amino acid.

- 10. (Amended) A [diagnostic composition comprising a] compound according to any one of claims 1 to [10 together with an acceptable carrier] 7 in which one or more individual amino acids is replaced by an analogous structure.
- 11. (Amended) A [pharmaceutical composition comprising a] compound [according to any one of] selected from the group consisting of the compounds of Claims 1 to [10 together with a pharmaceutically acceptable carrier] 7, labelled with a detectable marker.
- 12. (Amended) [An antibody directed against a] A compound according to [any one of Claims 1 to 10] Claim 11, in which the detectable marker is a radioactive label.
- 13. (Amended) [An antibody] A compound according to claim [12] 11, in which [is a protective antibody] the detectable marker is a fluorescent, chemiluminescent or enzymic marker.
- 14. (Amended)A <u>diagnostic</u> composition comprising [an antibody according to Claim 12 or Claim 13] <u>a compound selected from the group consisting of the compounds of Claims 1 to 10 together with an acceptable carrier.</u>
- 15. (Amended) A <u>pharmaceutical</u> composition [according to any one of] <u>comprising a compound</u> <u>selected from the group consisting of the compounds of</u> Claims [10 to 12 or 13 in which the virus is human RSV] <u>1 to 10 together with a pharmaceutically acceptable carrier.</u>

16. (Amended) [A method of prevention or treatment of *Pneumovirus* infection comprising the step of administering an effective amount of a compound according to any one of] An antibody directed against a compound selected from the group consisting of the compounds of Claims 1 to 10 [to a mammal in need of such treatment].

17. (Amended) [A method of diagnosis of *Pneumovirus* infection comprising exposing a biological fluid or sample from a mammal suspected of being infected with said virus to a compound according to any one of Claims 1 to 10, and measuring the interaction between the compound and said fluid or sample] An antibody according to Claim 16 which is a protective antibody.

18. (Amended) A [method of immunisation against *Pneumovirus* infection,] composition comprising [the step of immunising a mammal at risk of such infection with an immunising-effective dose of according to any one of Claims 1 to 10, said compound being immunogenic and having the ability to elicit protective] antibody selected from the group of the antibodies of Claim 16 and Claim 17.

- 19. (New) A composition according to any one of Claim 14 in which the virus is human RSV.
- 20. (New) A composition according to any one of Claim 15 in which the virus is human RSV.
- 21. (New) A composition according to any one of Claim 16 in which the virus is human RSV.

- 22. (New) A method of prevention or treatment of *Pneumovirus* infection comprising the step of administering an effective amount of a compound selected from the group consisting of the compounds of Claims 1 to 10 to a mammal in need of such treatment.
- 23. (New) A method of diagnosis of *Pneumovirus* infection, comprising exposing a biological fluid or sample from a mammal suspected of being infected with said virus to a compound selected from the group consisting of the compounds of Claims 1 to 10, and measuring the interaction between the compound and said fluid or sample.
- 24. (New) A method of immunisation against *Pneumovirus* infection, comprising the step of immunising a mammal at risk of such infection with an immunising-effective dose of a compound selected from the group consisting of the compounds of Claims 1 to 10, said compound being immunogenic and having the ability to elicit protective antibody.
- 25. (New) A method of identification of a cell surface receptor for respiratory syncytial virus G protein, comprising the step of detection of binding of a compound selected from the group consisting of the compounds of Claims 11 to 13 to a cell surface protein.
- 26. (New) A method according to Claim 24, in which the cell is susceptible to infection by respiratory syncytial virus.

- 27. (New) A method according to Claim 25, in which the cell is susceptible to infection by respiratory syncytial virus.
- 28. (New) A method according to Claim 25, in which the cell is a HEp-2 cell.
- 29. (New) A method according to Claim 25, in which the method comprises the step of photoaffinity labelling of the receptor with a benzoylbenzyl derivative of the compound.
- 30. (New) A method according to Claim 25, in which the method comprises the step of labelling of the receptor with a fluorescent derivative of the compound.
- 31. (New) A method according to Claim 25, in which the method comprises the steps of binding a biotinylated derivative of the compound to a receptor, and binding of avidin to the derivative.
- 32. (New) A method according to Claim 25, in which the method comprises the step of using an antibody according to Claim 16 to detect the binding of the compound.
- 33. (New) A method according to Claim 25, in which the compound is multiply derivatised, thereby to achieve combined cross-linking, detection and identification of a receptor.

In the Drawings

Please enter substitute Figure 12.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. <u>Griffith</u>. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated:

December 4, 1998

By:

Gladys H. Monroy Registration No. 32,430

Morrison & Foerster LLP 755 Page Mill Road

Palo Alto, California 94304-1018

Telephone: (650) 813-5711 Facsimile: (650) 494-0792

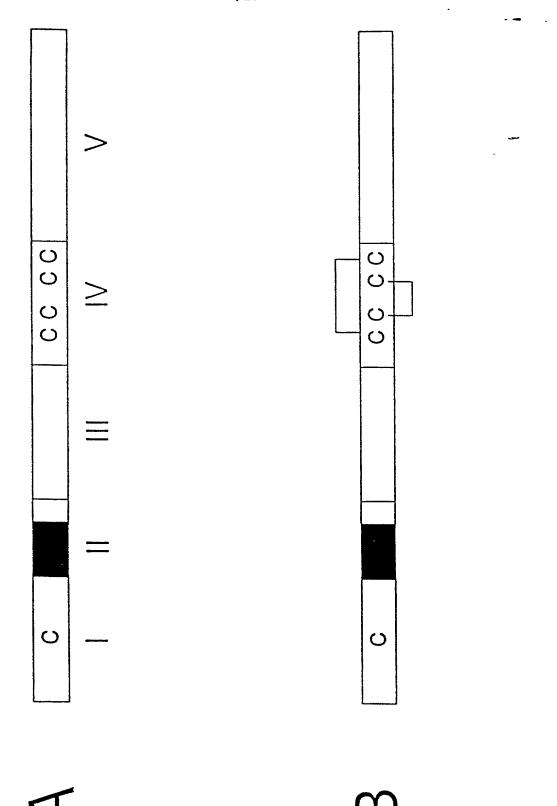


FIGURE 1

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9	-S-SKNKKD-Y	D-YY-0	GQL-KSTSNK		B 8/60	
7	Y WY X X X X X X-	· \ - 0	GQL-KSTSNK	-TSNK	B 1355	
: 5	-p-1,KNKKD-Y	D-YY-0	GQL-KSTSNK	-TSNK	B 15291*	
<u>(</u>	-P-LKNKKD-Y	X-Q	GQL-KST-SSN	-T-SSNK	B 10010*	
14	-P-LKNKKD-Y	X-Q	GQL-KSTSNK	-TSNK	B 4843	
15	-S-SKNKKD-Y	D-YY-0	GQL-KST-	-TSNK	B 9320	
16	NPSGSIENHQDHNN-QTLPY	1	-T-EG-LA-LSL-HIETERA-SRA	HIETERA-SRA	Bovine	
17			-TT-		AR10c/1	
18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				AR10c/10	

one year same child with an interval of * Isolates from the

generated by propagation of the Long A strain in the presence a monoclonal antibody directed at the cysteine containing Isolates of the human A variants R10c/1 and R10c/10 were constant region on the G protein. between isolations.

o.f

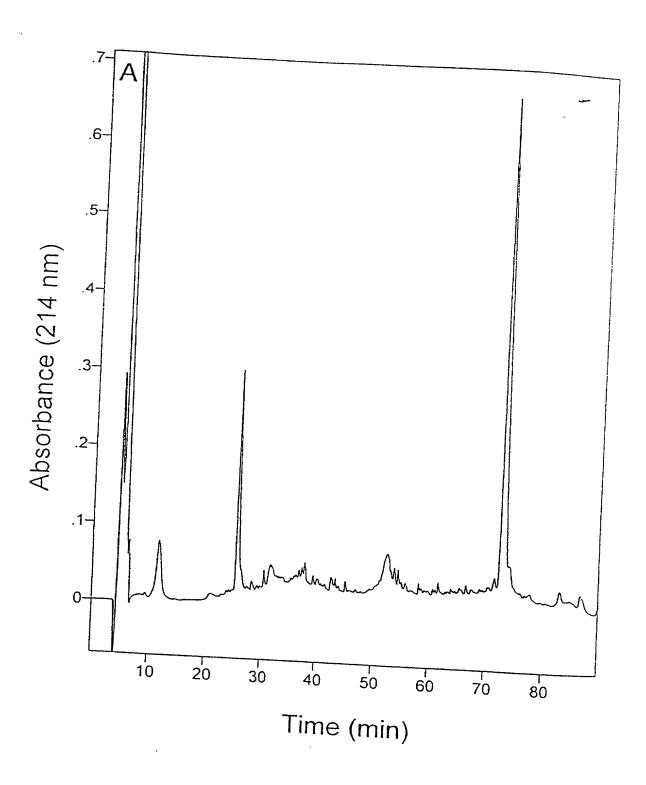
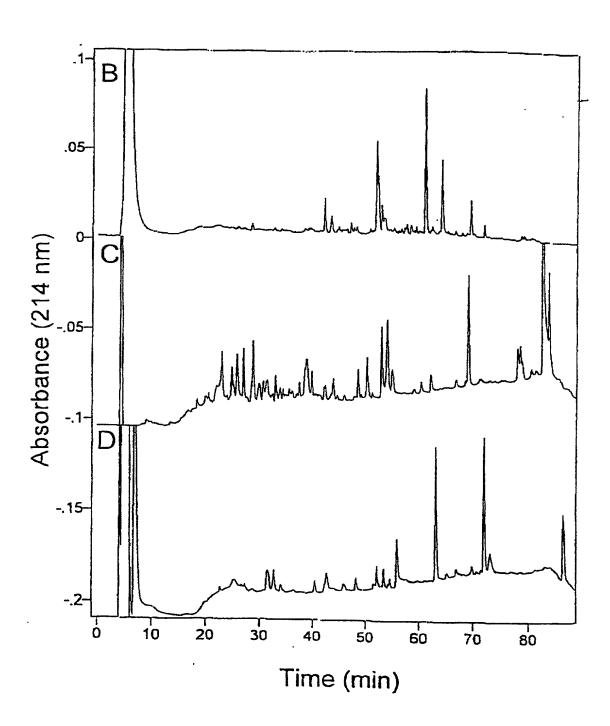


FIGURE 3A



FIGURES 3B to 3D

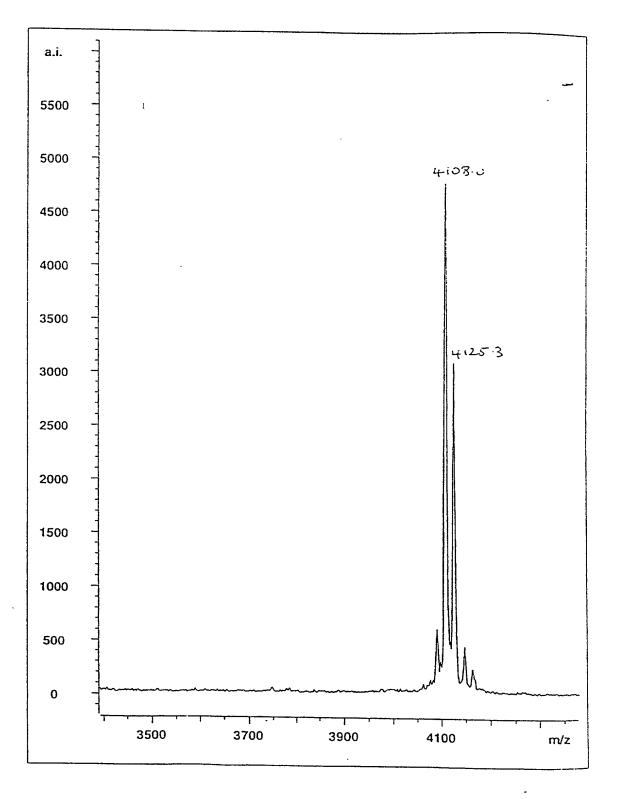
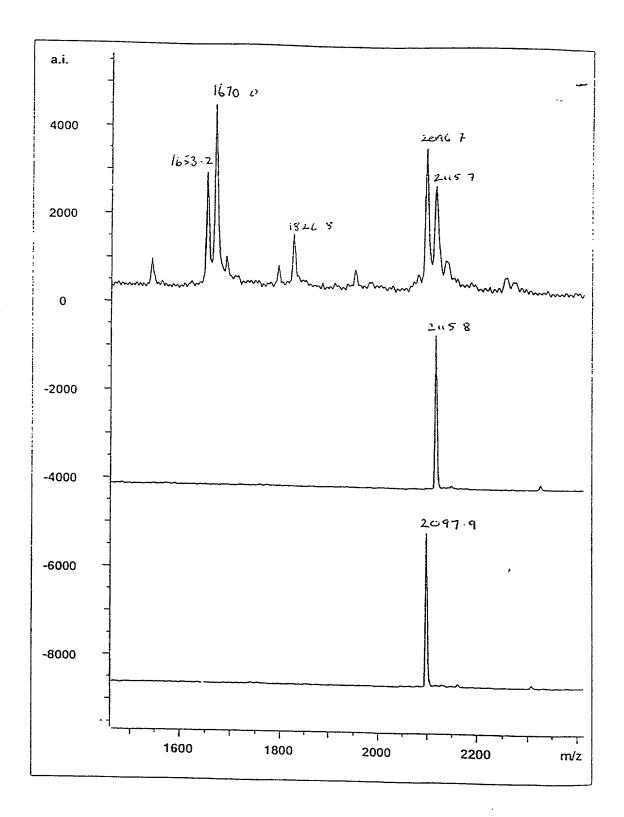


FIGURE 4A



FIGURES 4B TO 4D

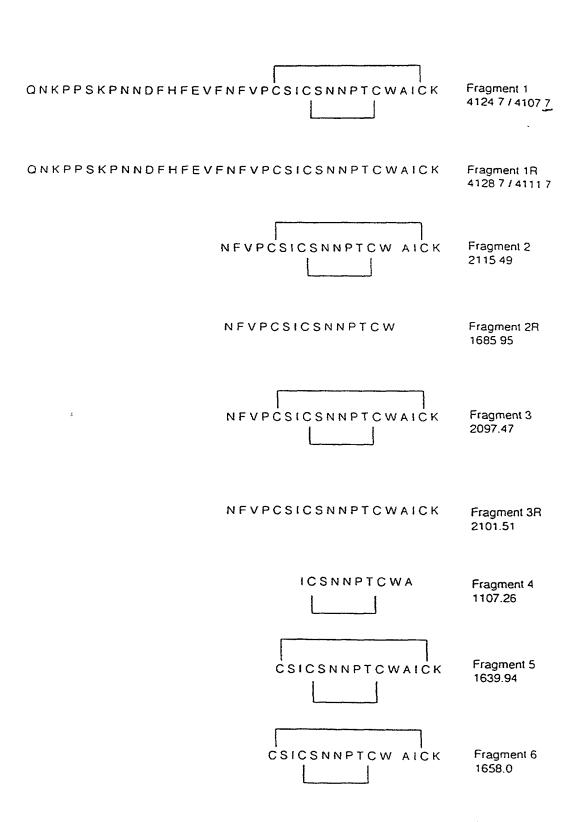


FIGURE 5

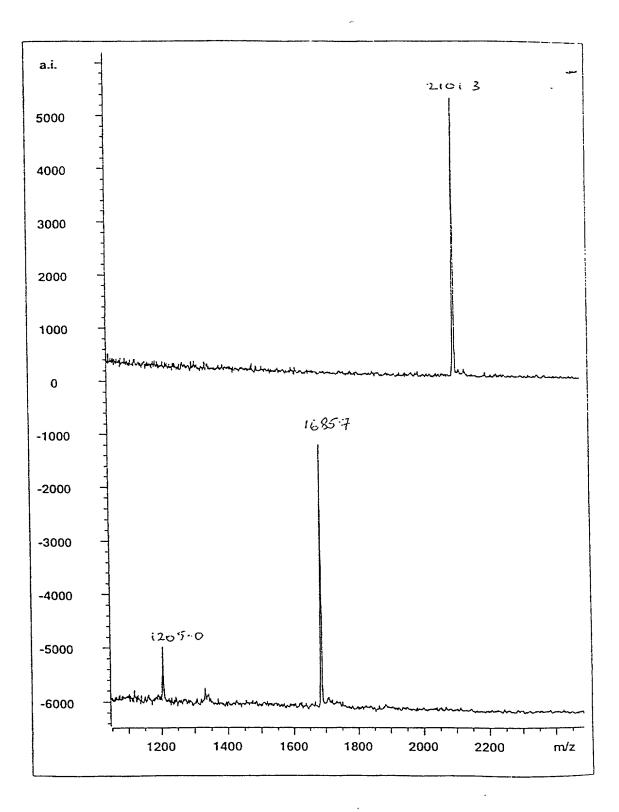


FIGURE 6

PCT/AU97/00351

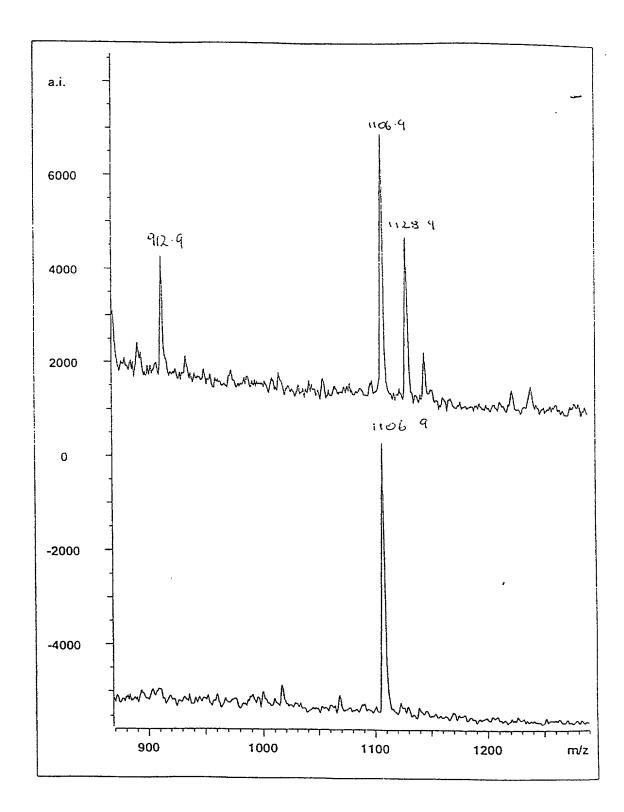


FIGURE 7

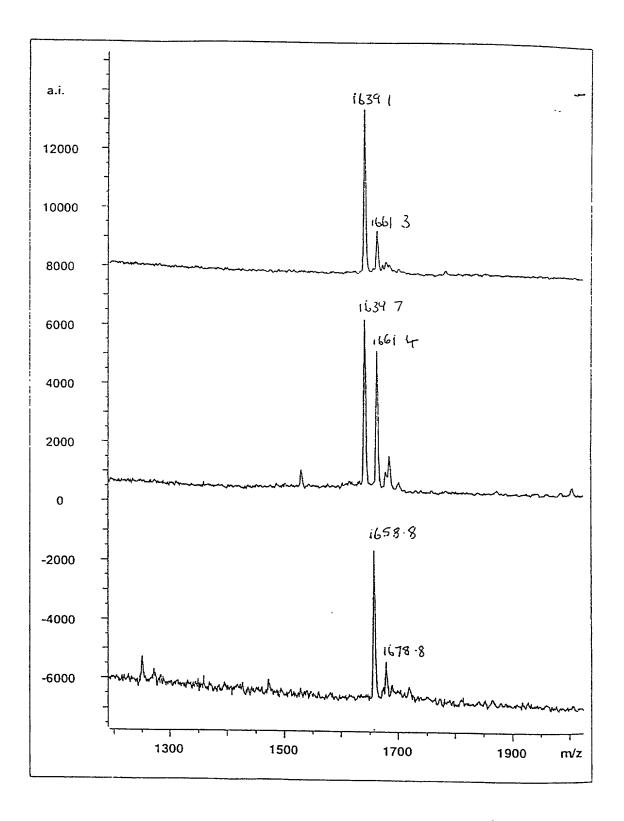


FIGURE 8

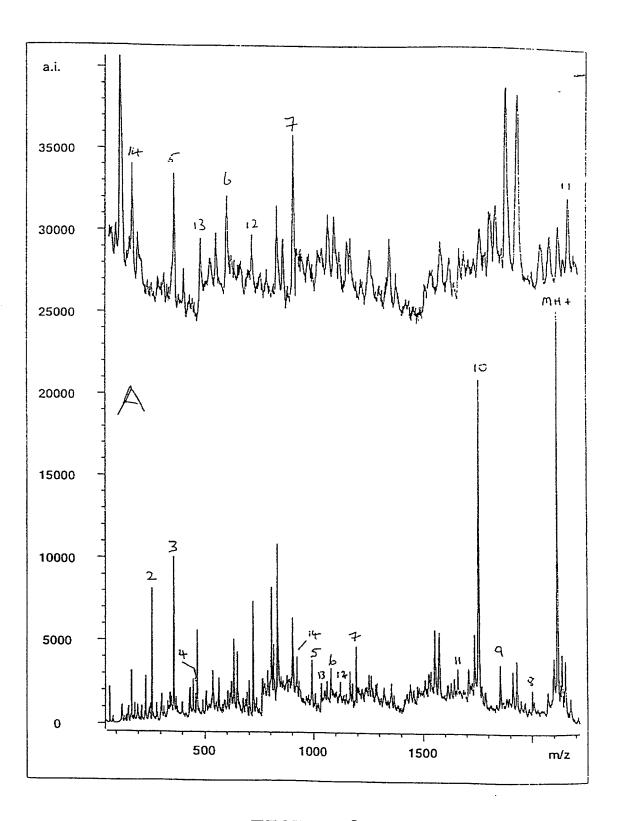
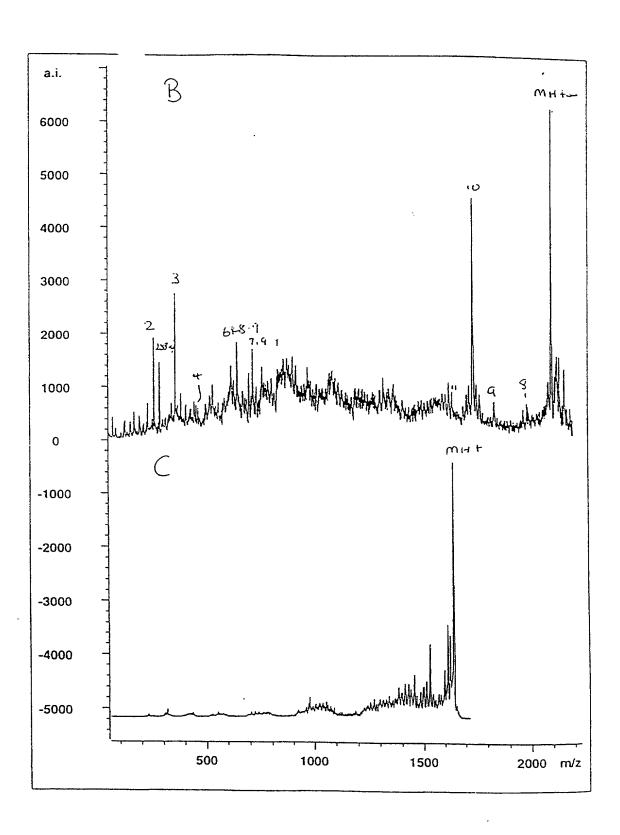
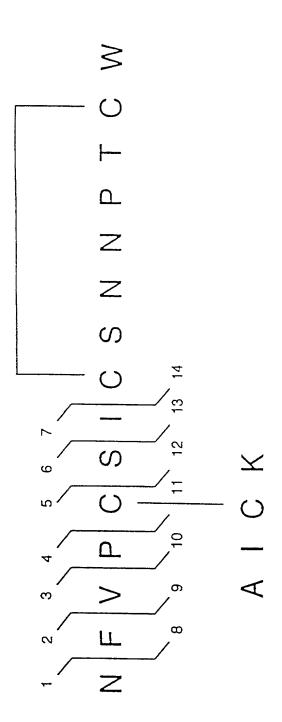


FIGURE 9A



FIGURES 9B & 9C



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 \Box Human A Human Bovine KQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKK ---G--QL-KS---T--SN--K--NPSGSI--ENHQDHNN-QTLPY---T-EG-LA-LSL-HIETERA-SRA SSQKSN-SEIQQDYSDFQILPY---N--EGDSA-LSL-QDRSESILD-A 195 190 180 -S-SKN--K--KD-Y--160 150

FIGURE 11

ACKQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide ACFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide fitckQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide fitcfHFEVFNFVPCSICSNNPTCWAICKRIPNKKPGKKAmide bbkqrqnkppskpnndfhfevfnfvp**c**si**c**snnpt**c**wai**c**kripnkkpgkkamide biotKQRQNKPPSKPNNDFHFEVFNFVP**C**SI**C**SNNPT**C**WAI**C**KRIPNKKPGKKAmide ACKQRQNKPPSKPNNDFHFEVFNFVPCSICSNNPTCWAICKRIPAmide 195 190 AckQRQNKPPSKPNNDFHFEVFNFVPCSICSAmide 180 fitcVTRQRRARNGASRS 160 150 4 \mathcal{O} 9 ∞ ω

FIGURE 12

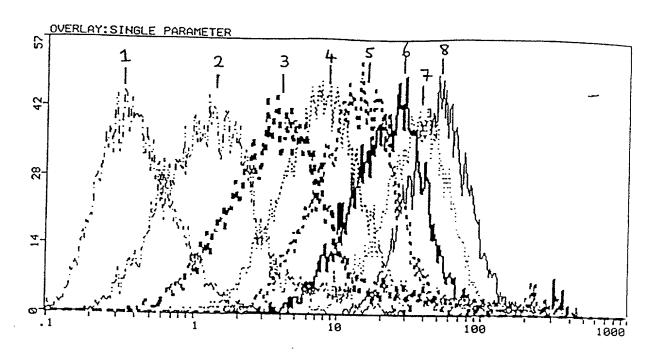


FIGURE 13

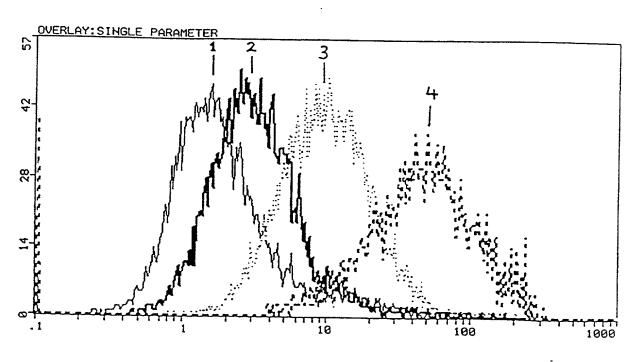


FIGURE 14

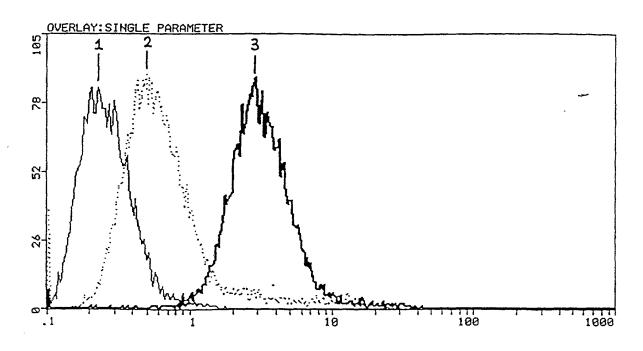


FIGURE 15

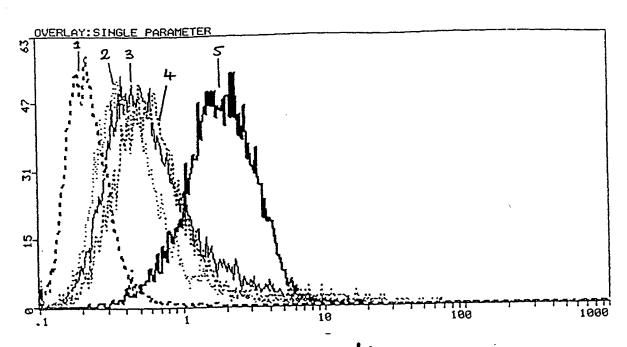


FIGURE 16

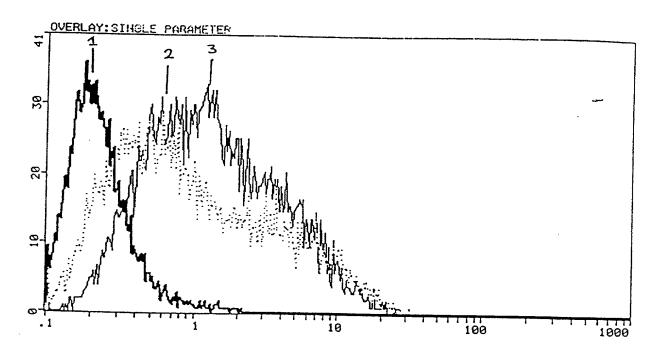


FIGURE 17

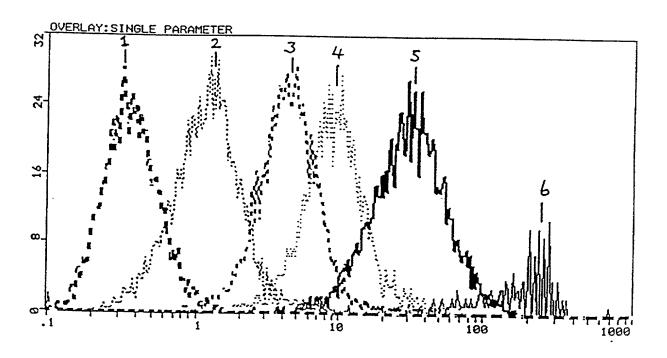


FIGURE 18

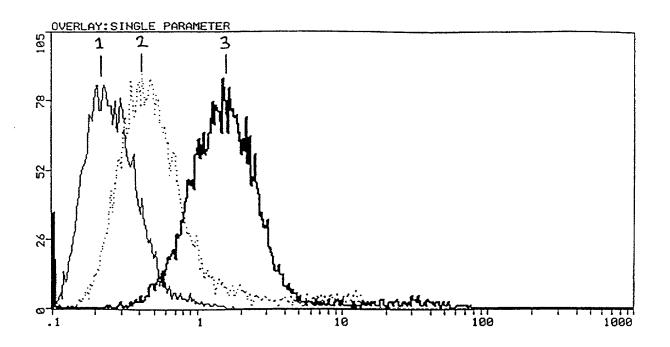


FIGURE 19

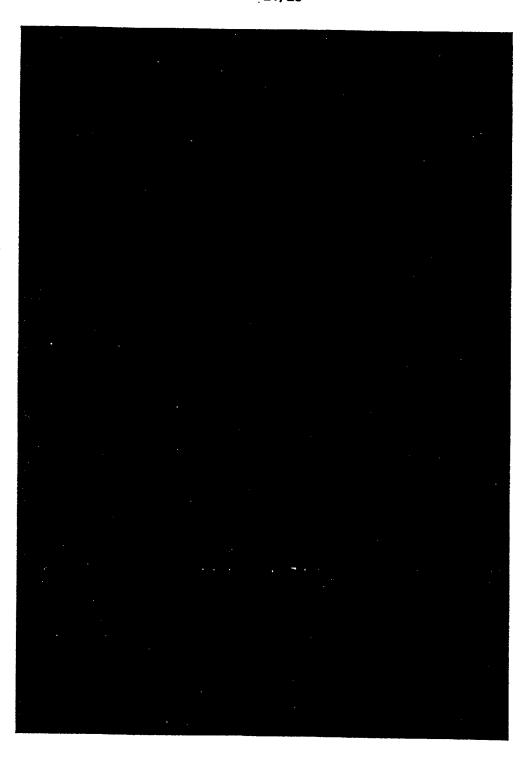
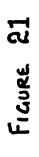
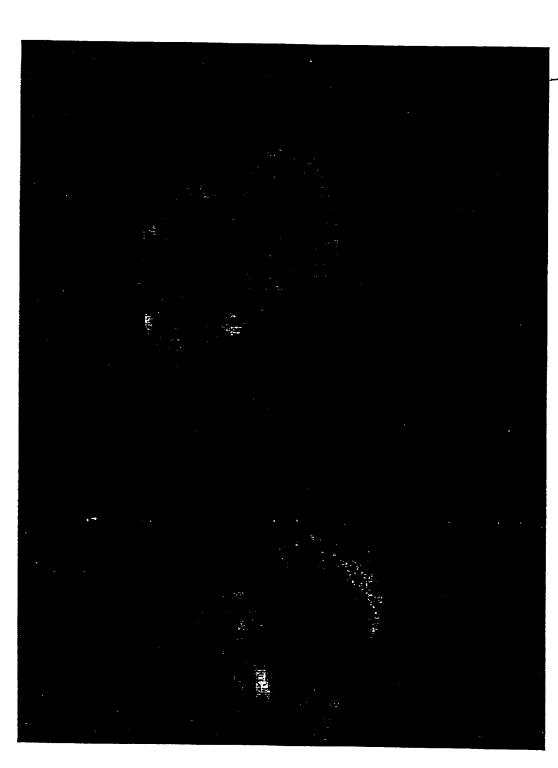


FIGURE 20





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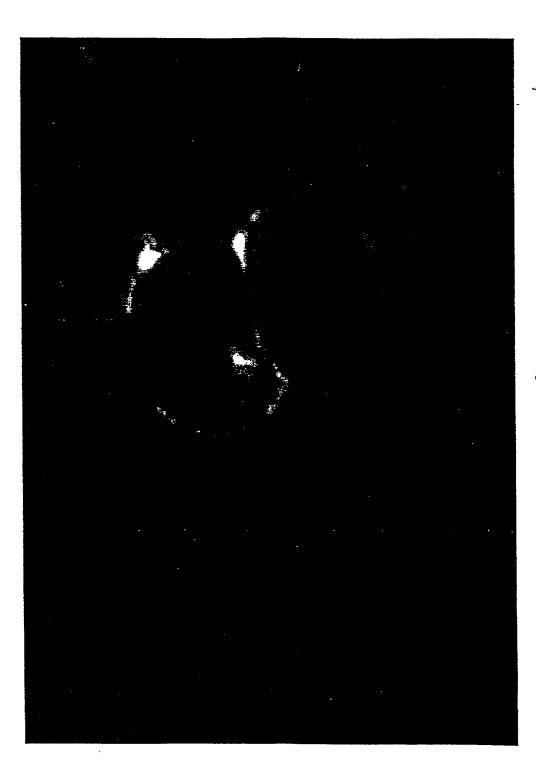


FIGURE 22

15/12/98 16 14/12/98 14

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PATENT Docker No.: Griffith

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, citizenship, and post office address are as stated below next to my name.

I believe I am the original, first and sole (or joint, if more than one name appears below) inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VIRAL PEPTIDES WITH STRUCTURAL HOMOLOGY TO PROTEIN G OF RESPIRATORY SYNCYTIAL VIRUS

the specification of w	hich:	:
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- is attached hereto.
- was filed on June 4, 1997 as PCT International Application No. PCT/AU97/00351 and was amended on December 4, 1998.

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge and understand that I have a duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Reg. ulations, §§ 1.56(a) and (b).

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of the foreign application(s) for patent indicated below and have also identified below the foreign applications for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Australia	PO 0265	05/06/96	⊠ Yes	□No.
			□Yes	□No.

<u>L</u>

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61 3 9662 7301

15/12/98 16:33 14/1Z/38 14:40 Pg:

I hereby claim benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
•	

I hereby claim benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §§ 1.56(a) and (b) set forth above which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/AU97/00351	June 4, 1997	□Patented	P Pending	□Abandoned
		□Patented	☐Pending	□Abandoned
		Patented	☐Pending	[]Abandoned

I hereby appoint the following attorneys and agents to prosecute that application and to transact all business in the Patent and Trademark Office connected therewith and to file, to prosecute and to transact all business in connection with all patent applications directed to the invention:

Mani Adeli (Rog. No. 39,585) Erwin J. Basinski (Reg. No. 34,773) Paula A. Borden (Reg. No. 42,344) Barry E. Bretschneider (Reg. No. 28,055) Alan W. Cannon (Reg. No. 34,977) Robert K. Corpa (Rog. No. 39.933) Niki D. Cox (Reg. No. 42,446) E. Victor Donahue (Reg. No. 35,492) Sean M. Fitzgerald (Reg. No. 42,537) Hector Gallegos (Reg. No. 40,614) Charles D. Holland (Reg. No. 35,196) Richard D. Jordan (Reg. No. 33,519) Ararat Kapouytian (Reg. No. 40,044) Antoinette F. Konski (Reg. No. 34,202) Susan K. Lehnhardt (Reg. No. 33 943) Shmuel Livnat (Reg. No. 33,949). Harry J. Macey (Reg. No. 32,818)

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Please direct all communications to:

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Please direct all telephone calls to Gladys H. Monroy at (650) \$13-5711.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Typed N Jeffrey John Corman Residence 42 Woodlands Drive

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Australia

Post Office Address: Ocean Grove, VIC 3226, Australia